

CDBG DR 2015 Project Status Update

May 15th, 2018



**Stephen C. Costello
Chief Resilience Officer**

Memorial Day and Halloween 2015 Flood Events

- HUD direct allocation of CDBG DR funding - \$66.5 million in 2016 and \$20.5 million in 2017
 - Total of \$59.8 million for infrastructure
 - Must be in area affected by 2015 presidential-declared disaster
 - Must be in low/mod income area
 - Cannot supplant existing project
- Unprecedented cooperation between HCD and HPW



DR15 SWAT 4A

Northline/Northside Project Summary

Design and construction of storm water drainage and paving improvements, consisting of:

- Increase of trunk sewer capacity to serve areas adjacent to Fulton and Clark
- Improvement of condition of existing roadside ditches to adequately convey storm water to trunk storm sewer on Fulton and Clark.
- Replace and resize driveway culverts to allow for sufficient flow capacities.
- Base repairs, asphalt overlays, and concrete panel replacements as needed.



Legend

- Benefit Area = 1558 acres
- CDP 2-Year Drainage Areas

Benefit Area Population = 1049

1 inch = 1,700 feet

0 1,625 3,250 Feet

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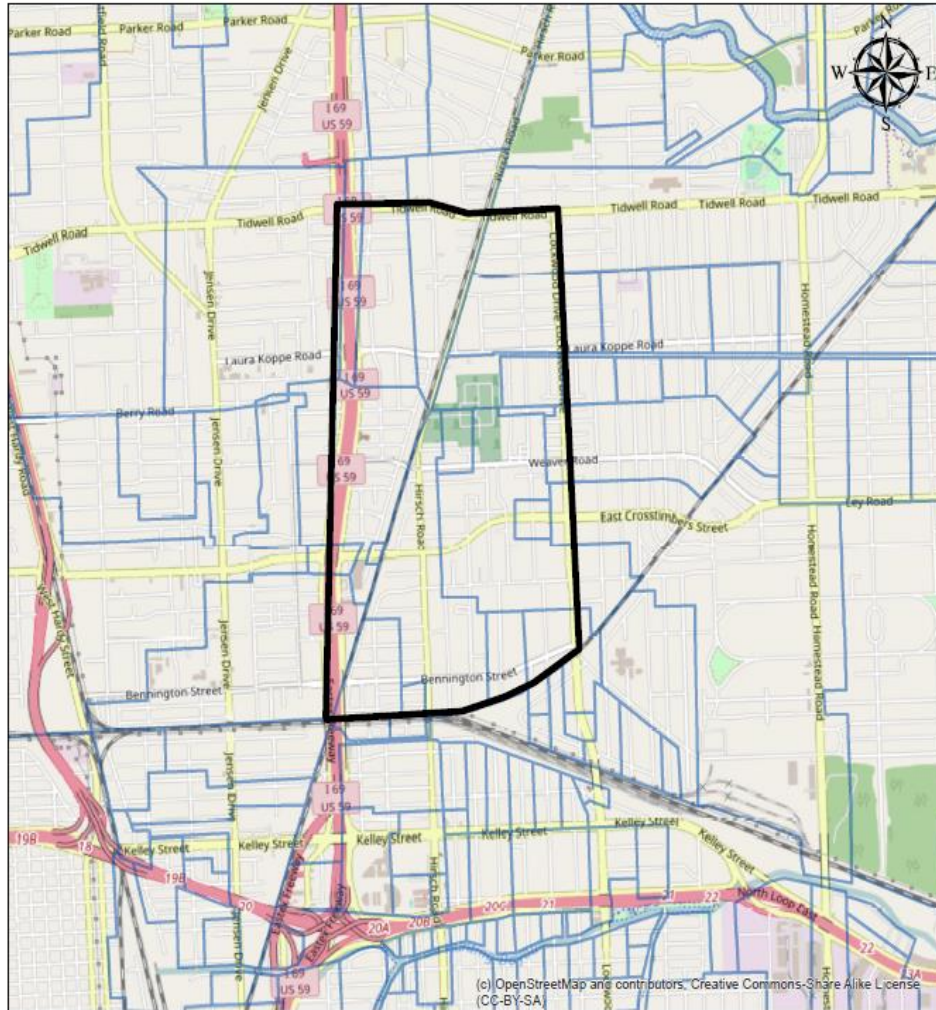
Northline/Northside Project: Key Milestones

- ✓ Oct. 2016 – Previous improvements along Fulton (Tidwell to Parker) completed.
- ✓ Oct. 2015 – Design contract to City Council
- ✓ May 2018 - PER for improvements along Clark completed
- Oct. 2019 – Expected final design submission
- Q1 2019 – Construction award
- Q2 2020 – Expected start of construction

Project on schedule

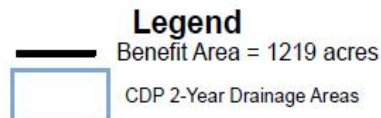


DR15 SWAT 12A



Bonita Gardens Project Summary

- Construction of storm water drainage and paving improvements, consisting of:
 - Improve condition of existing roadside ditches to adequately convey storm water runoff
 - Ditch regrading and reestablishment to the receiving points of the Hirsch Road drainage system
- City previously completed improvements on Hirsch (Kelley to E. Crosstimbers) to provide improved storm sewer capacity



Benefit Area Population = 990

1 inch = 2,000 feet

0 2,450 4,900 Feet

Bonita Gardens Project Milestones

- ✓ Nov. 2017 – Design contract to City Council
- May 2018 - PER submittal for improvements
- Oct. 2019 – Expected final design submission
- Q1 2019 – Construction award
- Q2 2020 – Expected start of construction

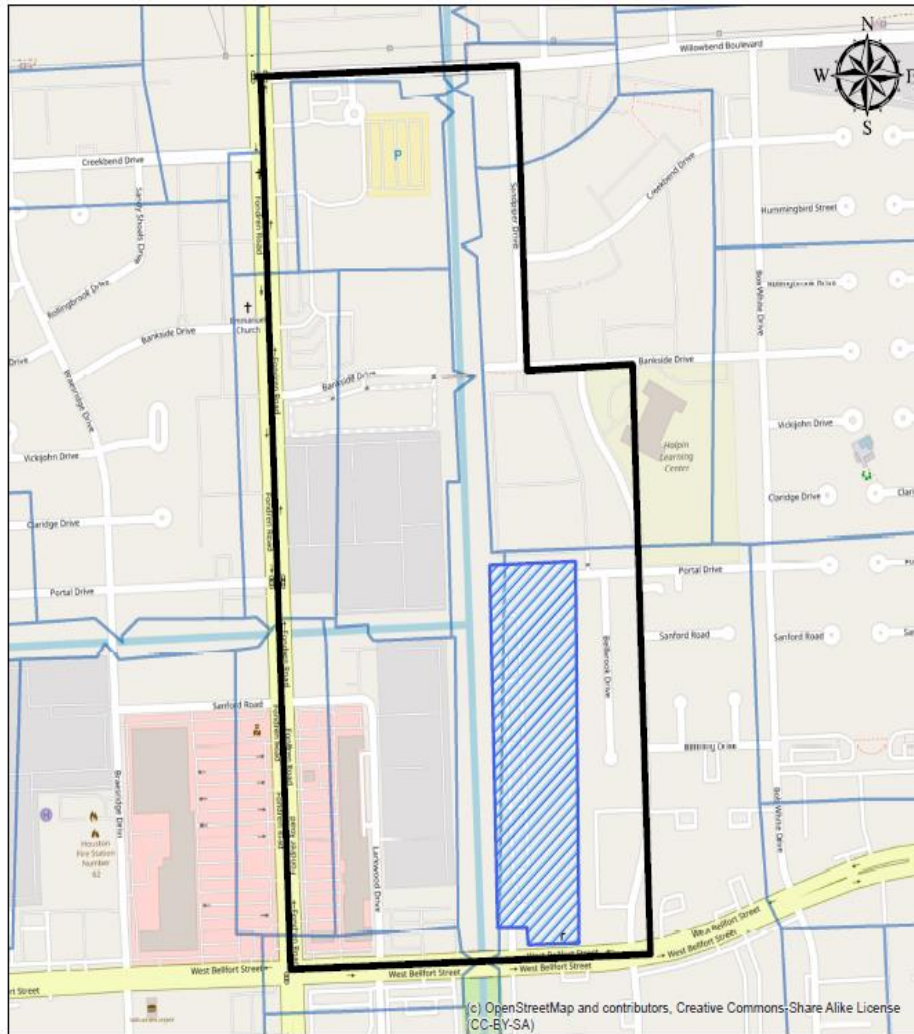
Project on schedule



DR15 5A




Spellman Detention Basin Project Summary

- Construction of storm water drainage and paving improvements to serve Westbury area and reduce surface water elevations, consisting of:
 - Excavation of three parcels of land adjacent to HCFCD D-140-00-00 (Fondren Diversion Channel in Brays Bayou watershed) on which to locate a detention basin
 - Demolition of 9 existing storage facilities, library building, and parking lot
 - Clearing of undeveloped land
 - Storm sewer improvements along W. Belfort and associated pavement repairs



Legend



-  CDP 2-Year Drainage Areas
-  Projected Benefit Area
-  Proposed Basin

1 inch = 2,000 feet

0 500 1,000 Feet

Spellman Detention Basin Project Milestones

- ❑ Real estate acquisition
- ❑ Feb. 2018 – Design contract to City Council
- ❑ Feb. 2019 – Expected final design submission
- ❑ Q2 2020 – Construction award
- ❑ Q2 2020 – Expected start of construction

Project delayed - Pending environmental clearance on wetland study for real estate acquisition.



Neuens

General Project Summary

- Joint project between Harris County and the City of Houston for reconstruction of Neuens Road, consisting of:
 - Replacement of existing 2-lane asphalt with 2-lane concrete pavement section
 - Rebuilding sidewalks and placement of proper signage and crosswalks.
 - Improvements to drainage to account for increased conveyance and storage. Various methods (detention pond, sub-surface storage, etc.) will be considered, including secondary use of space if practical.



Neuens

General Project Milestones

- ❑ Jan. 2019 – Completion of study phase
- ❑ July 2019 – Completion of design phase
- ❑ Nov. 2019 – Expected start of construction



Questions?

